SECTION III - FINANCIAL QUALIFICATIONS

Note: If this application is for a change in an operating facility, DO NOT fill out this Section.

1. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration? ☐ Yes ☒ No

2. Is this application contingent upon receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision? ☐ Yes ☒ No

NOTE: If either Questions 1 or 2 is answered "Yes," your application cannot be granted until all of the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on your part is required. If you rely on funds from a source specified in Question 2, **you must advise the F.C.C. when the funds are committed or appropriated.** This should be accomplished by letter amendment to your application, in triplicate, signed in the same manner as the original application, and clearly identifying the application to be amended.

3. The applicant certifies, except as noted above, that sufficient net liquid assets are on hand or that sufficient funds are available from committed sources to construct and operate the requested facilities for three months without additional funds. ☒ Yes ☐ No

SECTION IV - PROGRAM SERVICE STATEMENT

Attach as an Exhibit, a brief description, in narrative form, of the planned programming service relating to the issues of public concern facing the proposed service area. Exhibit No. C

NOTE: No program service statement need be filed where the proposed station's programming would be **wholly** "instructional" as that type of programming is defined in the instructions to this Section.

SECTION VI – EQUAL EMPLOYMENT OPPORTUNITY PROGRAM

1. Does the applicant propose to employ five or more full-time employees? ☐ Yes ☒ No

If Yes, the applicant must include an EEO program called for in the separate Broadcast Equal Employment Opportunity Program Report (FCC 396-A).

SECTION VII – CERTIFICATION

1. Has or will the applicant comply with the public notice requirements of 47 C.F.R. Section 73.3580? ☒ Yes ☐ No

The APPLICANT hereby waives any claim to the use of any particular frequency as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application. *(See Section 304 of the Communications Act of 1934, as amended.)*

The APPLICANT acknowledges that all the statements made in this application and attached exhibits are considered material representations, and that all exhibits are a material part hereof and incorporated herein.

The APPLICANT represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

In accordance with 47 C.F.R. Section 1.65, the APPLICANT has a continuing obligation to advise the Commission, through amendments, of any substantial and significant changes in information furnished.

WILLFUL FALSE STATEMENTS MADE ON THIS FORM ARE PUNISHABLE BY FINE AND IMPRISONMENT. U.S. CODE, TITLE 18, SECTION 1001.

I certify that the statements in this application are true and correct to the best of my knowledge and belief, and are made in good faith.

Name of Applicant	Title
MUSIC MINISTRIES, INC.	PRESIDENT
Signature Donald L. Chagle	Date 1-22-92

FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT

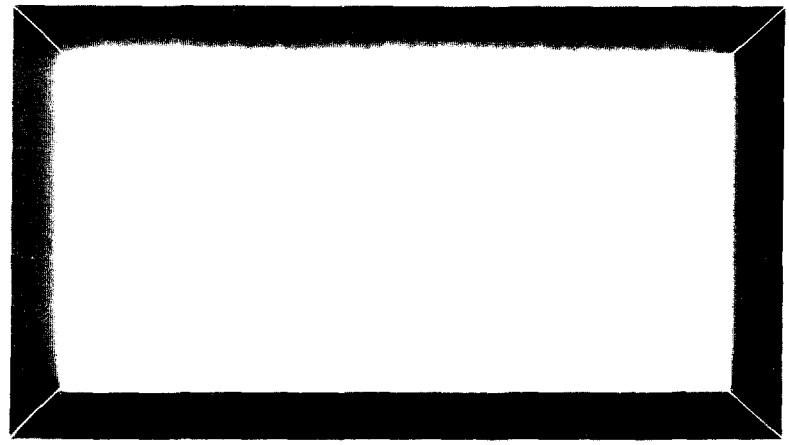
The solicitation of personal information requested in this application is authorized by the Communications Act of 1934, as amended. The principal purpose for which the information will be used is to determine if the benefit requested is consistent with the public interest. The staff, consisting variously of attorneys, analysts, engineers and applications examiners, will use the information to determine whether the application should be granted, denied, dismissed, or designated for hearing. If all the information is not provided, the application may be returned without action having been taken upon it or its processing may be delayed while a request is made to provide the missing information. Accordingly, every effort should be made to provide all necessary information. Your response is required to obtain the requested authority.

Public reporting burden for this collection of information is estimated to vary from 76 to 80 hours with an average of 78 hours 04 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, can be sent to the Federal Communications Commission, Office of Managing Director, Washington, D.C. 20554, and to the Office of Management and Budget, Paperwork Reduction Project (3060-0034), Washington, D.C. 20503.

THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. 552a(eX3), AND THE PAPERWORK REDUCTION ACT OF 1980, P.L. 96-511, DECEMBER 11, 1980, 44 U.S.C. 3507.

MM 94-87

ORIGINAL



PAUL DEAN FORD

BROADCAST ENGINEERING CONSULTANT

~~P.O. BOX 370~~
2775 West Dupont Avenue

WEST TERRE HAUTE
INDIANA 47885-9794

MM 94-87

Music Ministries, Inc. Req. CP

Non-Commercial Educational Station

Ch.204A 88.7mHz. 1.70Kw. E.R.P.(v)

78 Meters Antenna H.A.A.T.(v)

Loogootee, IN January, 1992

Table of Contents

Table of Contents (continued).....

Disclaimer

Paul Dean Ford assumes no liability for any errors or omissions in the information hereby provided, and shall not be liable for any injuries or damages (including consequential) which might result from use of said information.

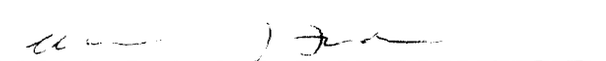
PAUL DEAN FORD, P.E.
Broadcast Engineering Consultant
3775 West Dugger Avenue
West Terre Haute, Indiana 47885-9794
Tel (812) 535 - 3831
Fax (812) 535 - 3341

STATE OF INDIANA)
) SS:
COUNTY OF VIGO)

Paul Dean Ford, being first duly sworn upon oath, deposes and says that he is a Consulting Engineer at West Terre Haute, Indiana; Registered as a Professional Engineer in the State of Indiana (Number 7691); that he has been retained by Music Ministries, Inc., to prepare this engineering portion of the application for Construction Permit for FM Channel 204A at Loogootee, IN; that this statement has been prepared by him personally and that all facts contained therein are true of his own knowledge, except where stated to be on information or belief, and as to those facts, he believes them to be true.

Paul Dean Ford

Subscribed and sworn to before me this 21st day of January, 1992.



Eleanor J. Ford, Notary Public
State of Indiana, County of Vigo

My Commission expires August 7th, 1995.

Section V-B - FM BROADCAST ENGINEERING DATA	FOR COMMISSION USE ONLY File No. _____ ASB Referral Date _____ Referred by _____

Name of Applicant

Music Ministries, Inc.

Call letters *(if issued)*	Is this application being filed in response to a window? ☐ Yes ☒ No
NEW	If Yes, specify closing date: does not apply

Purpose of Application: *(check appropriate box(es))*

- ☒ Construct a new (main) facility
- ☐ Construct a new auxiliary facility
- ☐ Modify existing construction permit for main facility
- ☐ Modify existing construction permit for auxiliary facility
- ☐ Modify licensed main facility
- ☐ Modify licensed auxiliary facility

If purpose is to modify, indicate below the nature of change(s) and specify the file number(s) of the authorizations affected.

- ☐ Antenna supporting-structure height
- ☐ Effective radiated power
- ☐ Antenna height above average terrain
- ☐ Frequency
- ☐ Antenna location
- ☐ Class
- ☐ Main Studio location
- ☐ Other *(Summarize briefly)*

File Number(s) _____

1. Allocation:

Channel No.	Principal community to be served:		
	City	County	State
204	Loogootee	Martin	IN

Class *(check only one box below)*

☒ A ☐ B1 ☐ B ☐ C3

☐ C2 ☐ C1 ☐ C ☐ D

2. Exact location of antenna.

(a) Specify address, city, county and state. If no address, specify distance and bearing relative to the nearest town or landmark.

2.4 km. south of Cannelburg, Daviess County, Indiana, on west side of 900 East Road.

(b) Geographical coordinates (to nearest second). If mounted on element of an AM array, specify coordinates of center of array. Otherwise, specify tower location. Specify South Latitude or East Longitude where applicable; otherwise, North Latitude or West Longitude will be presumed.

Latitude	38°	38'	30"	Longitude	86°	59'	57"

3. Is the supporting structure the same as that of another station(s) or proposed in another pending application(s)? Used for IB Business WNNQ276 ☐ Yes ☒ No

If Yes, give call letter(s) or file number(s) or both. Business WNNQ276

If proposal involves a change in height of an existing structure, specify existing height above ground level including antenna, all other appurtenances, and lighting, if any. no height change proposed

does not apply

SECTION V-B – FM BROADCAST ENGINEERING DATA (Page 2)

Music Ministries, Inc.

4. Does the application propose to correct previous site coordinates? ☐ Yes ☒ No
If Yes, list old coordinates. does not apply

Latitude ° ' "	Longitude ° ' "

5. Has the FAA been notified of the proposed construction? ☐ Yes ☒ No
If Yes, give date and office where notice was filed and attach as an Exhibit a copy of FAA determination, if available. no change in tower height proposed

Exhibit No. DNA

Date _____ Office where filed _____

6. List all landing areas within 8 km of antenna site. Specify distance and bearing from structure to nearest point of the nearest runway.

	Landing Area	Distance (km)	Bearing (degrees True)
(a)	none		
(b)			

7. (a) Elevation: *(to the nearest meter)*

(1) of site above mean sea level; 186 meters

(2) of the top of supporting structure above ground (including antenna, all other appurtenances, and lighting, if any); and 59 meters

(3) of the top of supporting structure above mean sea level [(aX1) + (aX2)] 245 meters

(b) Height of radiation center: *(to the nearest meter)* H = Horizontal; V = Vertical

(1) above ground 0 meters (
46 meters (V)

(2) above mean sea level [(aX1) + (bX1)] 0 meters (
232 meters (V

(3) above average terrain 0 meters (H,
78 meters (

8. Attach as an Exhibit sketch(es) of the supporting structure, labelling all elevations required in Question 7 above, except item 7(bX3). If mounted on an AM directional-array element, specify heights and orientations of all array towers, as well as location of FM radiator.

Exhibit No. Engr.

9. Effective Radiated Power:
(a) ERP in the horizontal plane 0.00 kw (H*) 1.70 kw (V*)

(b) Is beam tilt proposed? ☐ Yes ☒ No

If Yes, specify maximum ERP in the plane of the tilted beam, and attach as an Exhibit a vertical elevational plot of radiated field. DNA kw (H*) DNA kw (V*)

Exhibit No. DNA

*Polarization

Music Ministries, Inc.

10. Is a directional antenna proposed? ☐ Yes ☒ No

If Yes, attach as an Exhibit a statement with all data specified in 47 C.F.R. Section 73.316, including plot(s) and tabulations of horizontally and vertically polarized radiated components in terms of relative field. Exhibit No. DNA

11. Will the main studio be located within the 70 dBu or 3.16 mV/m contour? ☒ Yes ☐ No

If No, attach as an Exhibit justification pursuant to 47 C.F.R. Section 73.1125. Exhibit No. DNA

12. Are there: (a) within 60 meters of the proposed antenna, any proposed or authorized FM or TV transmitters, or any nonbroadcast *(except citizens band or amateur)* radio stations; or (b) within the blanketing contour, any established commercial or government receiving stations, cable head-end facilities, or populated areas; or (c) within ten (10) kilometers of the proposed antenna, any proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference? ☒ Yes ☐ No

If Yes, attach as an Exhibit a description of any expected, undesired effects of operations and remedial steps to be pursued if necessary, and a statement accepting full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers in use prior to grant of this application. *(See 47 C.F.R. Sections 73.315(b), 73.316(d) and 73.318.)* Exhibit No. Engr.

13. Attach as an Exhibit a 7.5 minute series U.S. Geological Survey topographic quadrangle map that shows clearly, legibly, and accurately, the location of the proposed transmitting antenna. This map must comply with the requirements set forth in Instruction D for Section V. Further, the map must clearly and legibly display the original printed contour lines and data as well as latitude and longitude markings, and must bear a scale of distance in kilometers. Exhibit No. Engr.

14. Attach as an Exhibit *(name the source)* a map which shows clearly, legibly, and accurately, and with the original printed latitude and longitude markings and a scale of distance in kilometers: Exhibit No. Engr.

(a) the proposed transmitter location, and the radials along with profile graphs have been prepared;
Loogootee, IN 7 1/2' Topographic Quadrangle & portion St. Louis Sectional Chart

(b) the 1 mV/m predicted contour and, for noncommercial educational applicants applying on a commercial channel, the 3.16 mV/m contour; and portion St. Louis Sectional Chart

(c) the legal boundaries of the principal community to be served.
Loogootee, IN 7 1/2' Topographic Quadrangle

15. Specify area in square kilometers (1 sq. mi. = 2.59 sq. km.) and population (latest census) within the predicted 1 mV/m contour.

Area 1,090.34 sq. km. Population 29,663 persons

16. Attach as an Exhibit a map *(Sectional Aeronautical charts where obtainable)* showing the present and proposed 1 mV/m (60 dbu) contours. Exhibit No. DNA

Enter the following from Exhibit above:

Gain Area DNA sq. mi.

Loss Area DNA sq. mi.

Percent change (gain area plus loss area as percentage of present area) DNA %.

If 50% or more this constitutes a major change. Indicate in question 2(c), Section I, accordingly.

Music Ministries, Inc.

17. For an application involving an auxiliary facility only, attach as an Exhibit a map *(Sectional Aeronautical Chart or equivalent)* that shows clearly, legibly, and accurately, and with latitude and longitude markings and a scale of distance in kilometers:

Exhibit No. DNA

(a) the proposed auxiliary 1 mV/m contour; and

(b) the 1 mV/m contour of the licensed main facility for which the applied-for facility will be auxiliary. Also specify the file number of the license. See 47 C.F.R. Section 73.1675. (File No.:_____)

18. Terrain and coverage data *(to be calculated in accordance with 47 C.F.R. Section 73.313).*

Source of terrain data: *(check only one box below)*

☐ Linearly interpolated 30-second database ☐ 7.5 minute topographic map

(Source: USGS through EDX Engineering, Inc.)

☒ Other *(briefly summarize)* Linearly interpolated 3 second database

Radial bearing (degrees True)	Height of radiation center above average elevation of radial from 3 to 16 km (meters)	Predicted Distances to the 1 mV/m contour (kilometers)
0	75	18.3
45	73	18.0
90	68	17.3
135	76	18.4
180	86	19.6
225	77	18.5
270	82	19.1
315	85	19.5

Allocation Studies

(See Subpart C of 47 C.F.R. Part 73)

19. Is the proposed antenna location within 320 kilometers (199 miles) of the common border between the United States and Mexico? ☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Agreement between the United States of America and the United Mexican States concerning Frequency Modulation Broadcasting in the 88 to 108 MHz band.

Exhibit No. DNA

Music Ministries, Inc.

20. Is the proposed antenna location within 320 kilometers of the common border between the United States and Canada? ☐ Yes ☒ No

If Yes, attach as an Exhibit a showing of compliance with all provisions of the Working Agreement for Allocation of FM Broadcasting Stations on Channels 201-300 under The Canada-United States FM Agreement of 1947. Exhibit No. DNA

21. If the proposed operation is for a channel in the range from channel 201 through 220 (88.1 through 91.9 MHz), or if this proposed operation is for a class D station in the range from Channel 221 through 300 (92.1 through 107.9 MHz), attach as an Exhibit a complete allocation study to establish the lack of prohibited overlap of contours with other U.S. stations. The allocation study should include the following: Exhibit No. Engr.

(a) The normally protected interference-free and the interfering contours for the proposed operation along all azimuths.
(b) Complete normally protected interference-free contours of all other proposals and existing stations to which objectionable interference would be caused.
(c) Interfering contours over pertinent arcs of all other proposals and existing stations from which objectionable interference would be received.
(d) Normally protected and interfering contours over pertinent arcs, of all other proposals and existing stations, which require study to show the absence of objectionable interference.
(e) Plot of the transmitter location of each station or proposal requiring investigation, with identifying call letters, file numbers and operating or proposed facilities.
(f) When necessary to show more detail, an additional allocation study will be attached utilizing a map with a larger scale to clearly show interference or absence thereof.
(g) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire Exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
(h) The name of the map(s) used in the Exhibit(s). computer generated MB maps without the ground conductivities shown

22. With regard to any stations separated by 53 or 54 channels (10.6 or 10.8 MHz) attach as an Exhibit information required in 1/ *(separation requirements involving intermediate frequency (i.f.) interference).* Exhibit No. Engr.

23.(a) Is the proposed operation on Channel 218, 219, or 220? ☐ Yes ☒ No

(b) If the answer to (a) is yes, does the proposed operation satisfy the requirements of 47 C.F.R. Section 73.207? does not apply ☐ Yes ☐ No

(c) If the answer to (b) is yes, attach as an Exhibit information required in 1/ regarding separation requirements with respect to stations on Channels 221, 222 and 223. Exhibit No. DNA

(d) If the answer to (b) is no, attach as an Exhibit a statement describing the short spacing(s) and how it or they arose. Exhibit No. DNA

1/ A showing that the proposed operation meets the minimum distance separation requirements. Include existing stations, proposed stations, and cities which appear in the Table of Allotments; the location and geographic coordinates of each antenna, proposed antenna or reference point, as appropriate; and distance to each from proposed antenna location.

(e) If authorization pursuant to 47 C.F.R. Section 73.215 is requested, attach as an Exhibit a complete engineering study to establish the lack of prohibited overlap of contours involving affected stations. The engineering study must include the following:

Exhibit No. DNA

(1) Protected and interfering contours, in all directions (360°), for the proposed operation.
(2) Protected and interfering contours, over pertinent arcs, of all short-spaced assignments, applications and allotments, including a plot showing each transmitter location, with identifying call letters or file numbers, and indication of whether facility is operating or proposed. For vacant allotments, use the reference coordinates as transmitter location.
(3) When necessary to show more detail, an additional allocation study utilizing a map with a larger scale to clearly show prohibited overlap will not occur.
(4) A scale of kilometers and properly labeled longitude and latitude lines, shown across the entire exhibit(s). Sufficient lines should be shown so that the location of the sites may be verified.
(5) The official title(s) of the map(s) used in the exhibits(s).

24. Is the proposed station for a channel in the range from Channel 201 to 220 (88.1 through 91.9 MHz) and the proposed antenna location within the distance to an affected TV Channel 6 station(s) as defined in 47 C.F.R. Section 73.525?

[X] Yes [ ] No

If Yes, attach as an Exhibit either a TV Channel 6 agreement letter dated and signed by both parties or a map and an engineering statement with calculations demonstrating compliance with 47 C.F.R. Section 73.525 for each affected TV Channel 6 station.

Exhibit No. Engr.

25. Is the proposed station for a channel in the range from Channel 221 to 300 (92.1-107.9 MHz)?

[ ] Yes [X] No

If Yes, attach as an Exhibit information required in 1/. *(Except for Class D (secondary) proposals.)*

Exhibit No. DNA

26. Environmental Statement *(See 47 C.F.R. Section 1.1301 et seq.)*

Would a Commission grant of this application come within Section 1.1307 of the FCC Rules, such that it may have a significant environmental impact?

[ ] Yes [X] No

If you answer Yes, submit as an Exhibit an Environmental Assessment required by Section 1.1311.

Exhibit No. DNA

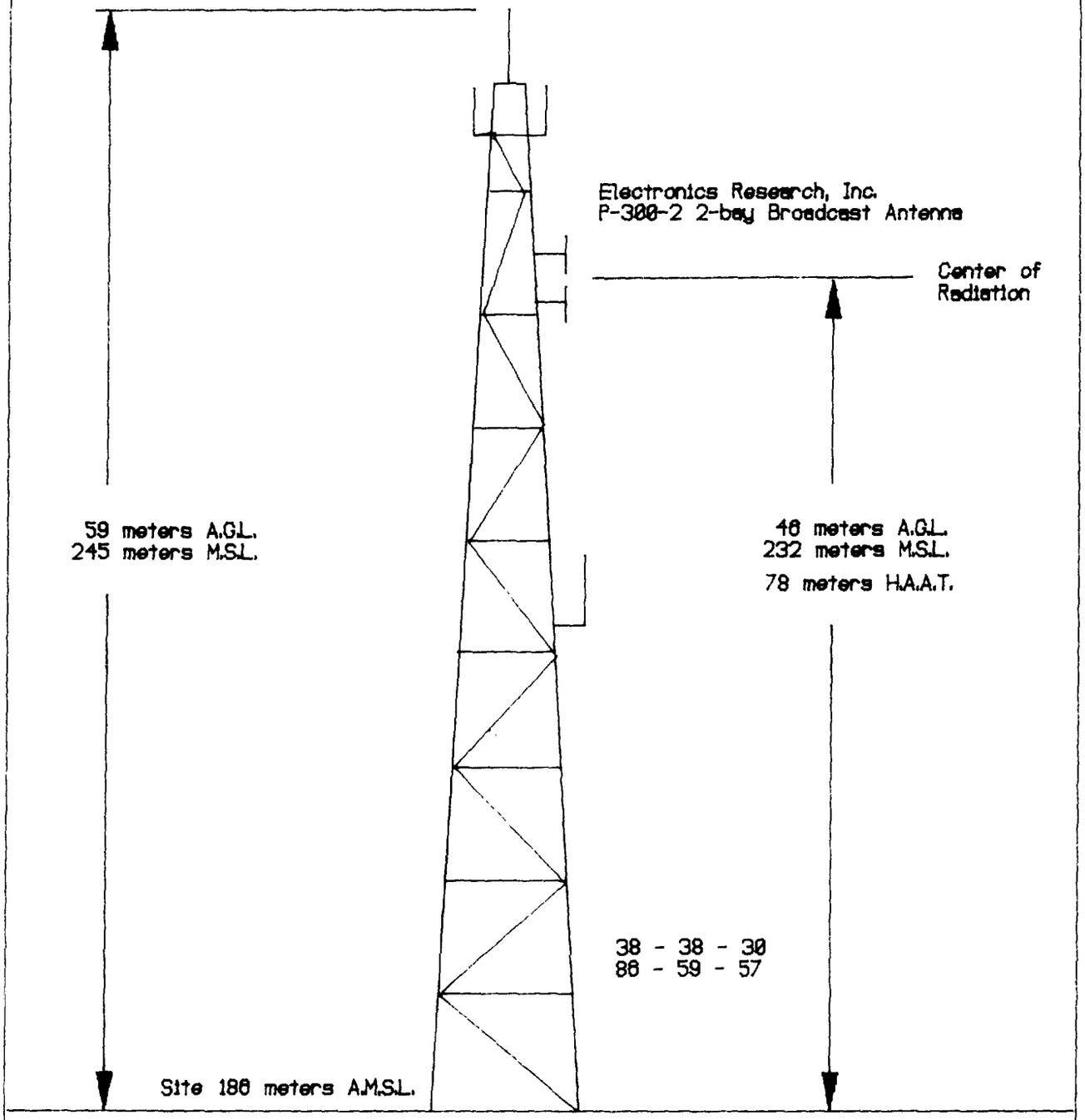
If No, explain briefly why not. No outside construction required except for antenna & coaxial cable to be added to existing tower. See engineering.

CERTIFICATION

I certify that I have prepared this Section of this application on behalf of the applicant, and that after such preparation, I have examined the foregoing and found it to be accurate and true to the best of my knowledge and belief.

Name *(Typed or Printed)*	Relationship to Applicant *(e.g., Consulting Engineer)*
Paul Dean Ford	Consulting Engineer
Signature: Paul Dean Ford	Address *(Include ZIP Code)* 3775 West Dugger Avenue West Terre Haute, IN 47885-9794
Date January 21, 1992	Telephone No. *(Include Area Code)* (812) 535 - 3831

Existing Tower for WNNQ278 using 464.10000 and 469.10000 mHz. The Proposed FM Broadcast Antenna to be side mounted with Center of Radiation at 46 meters A.G.L., 232 meters A.M.S.L. & 78 meters H.A.A.T. Site address is 1.5 miles (2.4 kilometers) South of Cannelburg, Daviess County, Indiana



TOWER SKETCH Music Ministries, Inc. Requests CP NEW Non-Commercial FM Broadcast Station Loogootee, IN with 1.70 Kw. E.R.P.(vertical polarization only) from 78 meters antenna H.A.A.T. Prepared January 10, 1992 by Paul Dean Ford, P.E., 3775 West Dugger Avenue, West Terre Haute, Indiana 47885-9794. Telephone (812) 535-3831

Attachment A

DOCUMENT OFF-LINE

This page has been substituted for one of the following:

Φ An oversize page or document (such as a map) which was too large to be scanned into the RIPS system.

o Microfilm, microform, certain photographs or videotape.

o Other materials which, for one reason or another, could not be scanned into the RIPS system.

The actual document, page(s) or materials may be reviewed by contacting an Information Technician. Please note the applicable docket or rulemaking number, document type and any other relevant information about the document in order to ensure speedy retrieval by the Information Technician.

Docket # 94-87 Map

Loogootee, In. 7 ½' Topographic Quadrangle

Showing Proposed Site.

Petitioner - Music Ministries, Inc.

Music Ministries ,Inc. Req. CP Noncommercial Educational Broadcast Station at Loogootee, IN; FM Channel 204A, 88.7mHz. 1.70Kw. E.R.P. (v) from 78 Meters H.A.A.T. (v). This Exhibit Prepared by Paul Dean Ford, P.E. on January 20, 1992.

E N G I N E E R I N G S T A T E M E N T

Music Ministries, Inc. requests Construction Permit for a Noncommercial Educational Broadcast Station at Loogootee, Indiana with 1.70 Kw.(v) Effective Radiated Power, from 78 Meters antenna Height Above Average Terrain (v), on FM Broadcast Channel 204A, 88.7 mHz. Note that vertical polarization only is proposed.

The coordinates of the proposed Antenna Site are as follows:

38-38-30 86-59-57

This site meets all FCC Rules as regards spacings from other FM allotments. The spacings are shown on the attached Channel Study for Channel 204A from the proposed site.

A copy of the LOOGOOTEE, IN 7 1/2' Topographic Quadrangle is attached showing appropriate latitude and longitude markings so that the coordinates of the proposed site may be verified. This map shows the proposed site and the city boundaries of Loogootee, IN. The proposed predicted 3.16 mV/m (city grade) contour completely encompasses the City of Loogootee, IN and

line-of-sight exists from the proposed antenna over the city. There are no major obstructions in the path.

There are no proposed or authorized FM or TV stations within 60 meters of the proposed antenna. A nonbroadcast radio station, WNNQ276 is located on the tower that is proposed to be used. This IB business service operates using frequencies of 464.10000 and 469.10000 mHz. Within the blanketing contour, which goes out 0.514 kilometer, there are no established cable head-end facilities, commercial or government receiving stations, or populated areas, except for WNNQ276. Within ten(10) kilometers of the proposed antenna, there are no proposed or authorized FM or TV transmitters which may produce receiver-induced intermodulation interference.

Pages 78 through 80 of this report lists all FM broadcast facilities, channels 200 through 300, within 11 kilometers of the proposed site. WKMD, Loogootee, IN operates on 94.3mHz. with a RM to change to 94.1mHz. No interference is predicted to or from WKMD, on either frequency, by the addition of 88.7mHz.

Pages 81 through 83 lists all TV stations, channels 2 through 69, located within 11 kilometers of the proposed site. There are none. Studies reveal no FM or TV intermodulation problems with the addition of the proposed operation on 88.7 mHz.

Although no objectionable interference is anticipated being caused to or received from any radio station, any established commercial or government receiving stations, cable head-end facilities, or populated areas, applicant accepts full responsibility for the elimination of any objectionable interference (including that caused by receiver-induced or other types of modulation) to facilities in existence or authorized or to radio receivers or to cable head-end facilities in use prior to grant of this application.

A sketch of the tower installation is shown on page 8.

The EDX Engineering Program TERRN and the NGDC 3 second database were used to obtain terrain data. Profiles were taken in the eight (8) cardinal directions of 0, 45, 90, 135, 180, 225, 270, and 315 degrees true plus one city radial at 60.9 degrees true.

TV channel 6 Preclusions

W06BD is licensed to Princeton, IN as a LPTV on Channel 6 with 0.02Kw. E.R.P. from 75 meters antenna H.A.A.T. and has application for 0.03Kw. E.R.P. from 35 meters antenna H.A.A.T. Because the licensed operation places the TV 47 dBu F(50,50) at the greatest distance, it was used to determine spacing. The attached computer plot shows clearance between the W06BD 47 dBu

F(50,50) and the proposed 56.2 dBu F(50,10) contours.

W06BM, Hawesville, KY is permittee of a LPTV on Channel 6 with 0.03Kw. E.R.P. from 50 meters antenna H.A.A.T. The attached computer plot shows the clearance between the W06BM 47 dBu F(50,50) and the proposed 56.2 dBu F(50,10) contours.

A NEW-T has been allotted Louisville, KY on TV channel 6 with directional antenna and 0.06Kw. from 109 meters antenna H.A.A.T. Using the maximum power in all directions, the Louisville 47 dBu F(50,50) contour has been plotted. The attached computer plot shows the proposed 56.2 dBu F(50,10) contour and clearance from the Louisville 47 dBu F(50,50) contour.

Affected TV Channel 6 Station

According to Paragraph 73.525 (a)(1) of the Rules, WRTV, Indianapolis, IN is an affected TV Channel 6 station. The Rule defines an affected TV Channel 6 station as one within 235 kilometers of a NCE-FM channel 204 station. The spacing between the proposed operation and WRTV, Channel 6, Indianapolis, IN is 155.7 kilometers. WRTV, Indianapolis, IN operates on TV channel 6 with 100 Kw. E.R.P from antenna H.A.A.T. of 302 meters. The attached computer plot shows clearance between the WRTV 47 dBu F(50,50) and the proposed 56.2 dBu F(50,10) contours. This NCE-FM channel

204 proposal causes no interference to WRTV. The proposed operation neither causes interference to nor receives interference from any TV channel 6 full-power station or proposal or to any LPTV channel 6 station or proposal.

FM Channel 201 Preclusion

WPTH, Olney, IL has CP for FM channel 201, 88.1 mHz., with 0.01Kw. E.R.P. from 62 meters antenna H.A.A.T. The proposed 100 dBu F(50,10) contour must not cross the WPTH 60 dBu F(50,50) contour and the WPTH 100 dBu F(50,10) contour must not cross the proposed 60 dBu F(50,50) contour. The proposed 100 dBu contour plotted is F(50,50), which is used instead of F(50,10). The WPTH 100 dBu contour does not go out far enough to plot. The attached computer plots show clearance.

The proposed operation neither causes interference to nor receives interference from any FM Channel 201 station or proposal.

FM Channel 202 Preclusions

WNIN-FM, Evansville, IN operates on FM channel 202B, 88.3 mHz., with 45Kw. E.R.P. from 155 meters antenna H.A.A.T. The WNIN-FM 80 dBu F(50,10) contour must not cross the proposed 60 dBu F(50,50) contour and the proposed 80 dBu F(50,10) contour must

not cross the WNIN-FM 60 dBu F(50,50) contour. The proposed 80 dBu F(50,50) contour is plotted instead of the F(50,10). The attached computer plots show clearance.

W202AQ has CP for a translator at Vandalia, IL on 202FT, 88.3 mHz. No protection is required to W202AQ by the proposed operation.

The proposed operation neither causes interference to nor receives interference from any FM channel 202 station or proposal.

FM Channel 203 Preclusions

WCRT, Terre Haute, IN has a CP for 0.55Kw. E.R.P. DA from 94 meters antenna H.A.A.T. on FM channel 203A, 88.5 mHz. For purposes of this application, WCRT is assumed to radiate 0.55Kw. E.R.P. in all directions from 94 meters antenna H.A.A.T. The proposed 54 dBu F(50,10) contour must not overlap the WCRT 60 dBu F(50,50) and the WCRT 54 dBu F(50,10) contour must not overlap the proposed 60 dBu F(50,50). The attached computer plots show clearance.

WJIE, Okolona, KY operates on 203C2, 88.5 mHz., with 24.5Kw. E.R.P. DA from 190 meters antenna H.A.A.T. For purposes of this application, WJIE is assumed to radiate 24.5Kw. E.R.P. in all

directions from antenna H.A.A.T. of 190 meters. The proposed 54 dBu F(50,10) contour must not cross the WJIE 60 dBu F(50,50) contour and the WJIE 54 dBu F(50,10) contour must not cross the proposed 60 dBu F(50,50) contour. The attached computer plots show clearance.

The proposed operation neither causes interference to nor receives interference from any FM channel 203 station or proposal.

FM Channel 204 Preclusions

There is an application on file for a NEW translator on 204FT, 88.7 mHz., at Terre Haute, IN with 0.11Kw. E.R.P DA from 95 meters antenna H.A.A.T. This application apparently cannot be granted because it proposes operation from the same tower as the WCRT, Terre Haute, IN CP on 203A. If the translator application were to be granted, the proposed 40 dBu F(50,10) contour must not cross the translator 60 dBu F(50,50) and the translator 40 dBu F(50,10) must not cross the proposed 60 dBu F(50,50). The attached computer plots show clearance.

WICR, Indianapolis, IN operates on 204B1, 88.7 mHz., with 2.50Kw. E.R.P. from 302 meters antenna H.A.A.T. The proposed 40 dBu F(50,10) must not cross the WICR 60 dBu F(50,50) and the WICR 40 dBu F(50,10) contour must not cross the proposed 60 dBu F(50,50)

contour. The attached computer plots show clearance.

There is an application on file for a NEW translator on 204FT, 88.7 mHz., at Murfreesboro, TN. No protection is required to this application from the proposed application.

The proposed operation neither causes interference to nor receives interference from any FM channel 204 station or proposal.

FM Channel 205 Preclusions

WEIU, Charleston, IL operates on 205B1, 88.9mHz. with 4.0Kw. E.R.P. from 50 meters antenna H.A.A.T. The proposed 54 dBu F(50,10) contour must not cross the WEIU 60 dBu F(50,50) contour and the WEIU 54 dBu F(50,10) contour must not cross the proposed 60 dBu F(50,50) contour. The attached computer plots show clearance.

There is an application on file for a NEW translator at Columbus, IN on 205FT, 88.9mHz. with 0.01Kw. E.R.P. DA from 65 meters antenna H.A.A.T. For purposes of this application, the E.R.P. is considered to be 0.01Kw. in all directions from 65 meters antenna H.A.A.T. The proposed 54 dBu F(50,10) contour must not cross the translator 60 dBu F(50,50) contour and the translator 54 dBu F(50,10) contour must not cross the proposed 60 dBu F(50,50)

contour. The attached computer plots show clearance.

WKYU-FM, Bowling Green, KY operates on 205C1, 88.9mHz., with 100.0Kw. E.R.P. from 219 meters antenna H.A.A.T. The proposed 54 dBu F(50,10) contour must not cross the WKYU-FM 60 dBu F(50,50) contour and the WKYU-FM 54 dBu F(50,10) contour must not cross the proposed 60 dBu F(50,50) contour. The attached computer plots show clearance.

The proposed operation neither causes interference to nor receives interference from any FM channel 205 station or proposal.

FM Channel 206 Preclusions

WVJC, Mount Carmel, IL has CP for 206B, 89.1mHz., with 50Kw. E.R.P. from 109 meters antenna H.A.A.T. The proposed 80 dBu F(50,10) contour must not cross the WVJC 60 dBu F(50,50) contour and the WVJC 80 dBu F(50,10) contour must not cross the proposed 60 dBu F(50,50) contour. The proposed 80 dBu F(50,50) has been used instead of the F(50,10). The attached computer plots show clearance.

The proposed operation neither causes interference to nor receives interference from any FM channel 206 station or proposal.